

GEO 01

Name: _____ Date: _____ Class: _____



1

2 Whatever happened to?

3



Requirements:

Computer

Spreadsheet software program

Group activity 3: Which Species are threatened?

1. The following terms in Table 3.1 are muddled. Create a chart for your group's wall display which shows the following terms correctly organised and ordered from the most to the least severe.

TABLE 3.1

	Term	Definition
Most severe	Extinct	Species is not critically endangered
	Vulnerable	Species is known to only survive in captivity or cultivation
	Conservation dependent	There is no doubt that the last member of the species has died
	Extinct in the wild	Species is facing an extremely high risk of extinction in the wild in immediate future
	Endangered	Species is the focus of a conservation program without which it would become vulnerable, endangered or critically endangered within 5 years
Least severe	Critically endangered	Species is not critically endangered or endangered, but is facing a high risk of extinction in the wild in the medium -term future

Under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) threatened flora and fauna are in one of the following categories: extinct , extinct in the wild* , critically endangered* , endangered* , vulnerable* and conservation dependent. The categories with the asterisk are of national significance. They are under threat from population growth, urban expansion, agricultural activities, resource extraction, pollution, hunting climate change, disease, and the impact of introduced species. The Department of Environment, Water, Heritage and the Arts,<http://www.environment.gov.au>.maintains lists of [threatened species](#),

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2. Enter the data from Table 3.2 into an Excel spreadsheet and use the Auto sum feature to calculate each total.

TABLE 3.2: LIST OF THREATENED FAUNA, 2009

	Extinct	Extinct in the wild	Critically endangered	Endangered	Vulnerable	Conservation dependent
Frogs	4	0	2	14	12	0
Birds	23	0	6	41	61	0
Mammals	27	0	4	35	54	0
Other Animals	1	0	19	14	7	0
Fishes	1	1	3	16	25	3
Reptiles	0	0	2	14	38	0
Totals						

Source: Department of the Environment, Water and Heritage and the Arts, EPBC Act List of Threatened Fauna, Australian Bureau of Statistics, Australian Environmental Issues and Trends, Jan.2010

3. Create a column graph (2D only) to represent the information about threatened fauna in Table 3.2.

Answer the following questions.

- How many species have become extinct?
- Name the top two faunal types that have become extinct.
- What percentage of endangered species is represented by these two faunal types?
- Explain why these faunal types have become extinct or are now under threat.
- Explain what can be done to prevent further loss of species in Australia.